

Cross-linker monomer

PAC-C-M27A

Partially methylolated melamine

Physical properties

Appearance	Transparency viscous liquid
Viscosity at cps, @ 25°C (Brookfield RV 2spindle x 60rpm)	150~300Cps
Non volatile content(%), (100°C/3hrs)	60~62
PH range	8.5~9.0
Specific gravity at 20°C(g/cm ³)	1.21
Free formaldehyde(%)	> 0.15 below
Storage at 20°C	> 1 month

Characteristics & Application

- * M52A is a special high imino melamine-formaldehyde liquid resin with excellent water solubility. It gives a better quality compared to ordinary MF resins.
- Curing temperature of 130°C or higher are required for adequate crosslinking to provide films with good humidity resistance.
- M52A resin requires weak acid catalysts for cure at normal baking schedules. The acidity of the primary film former is usually sufficient to initiate the curing process. The curing can be additionally catalysed by weak organic or inorganic acid such as formic acid, PTSA(p-toluene sulfonic acid) and aluminium nitrate.